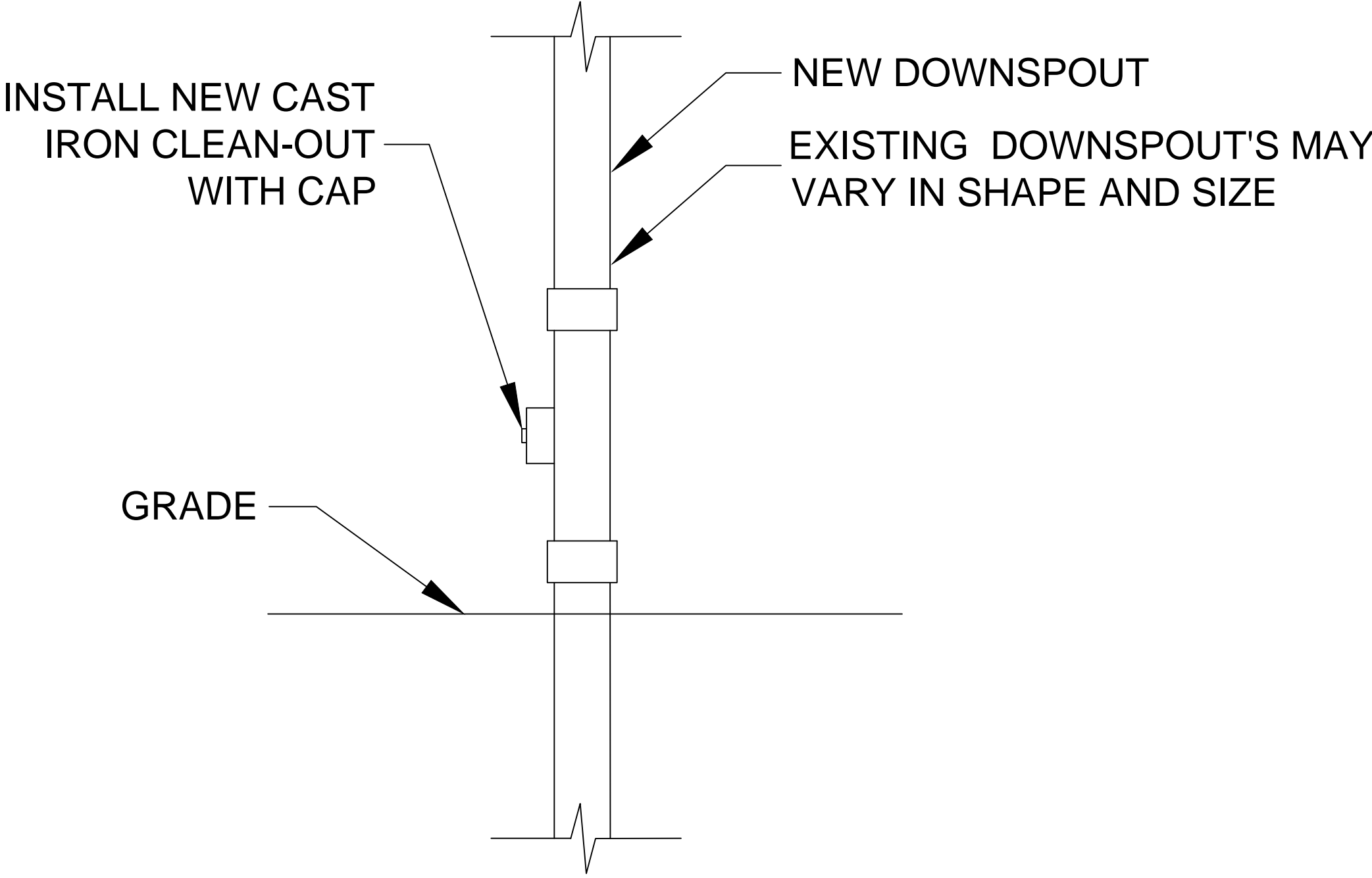


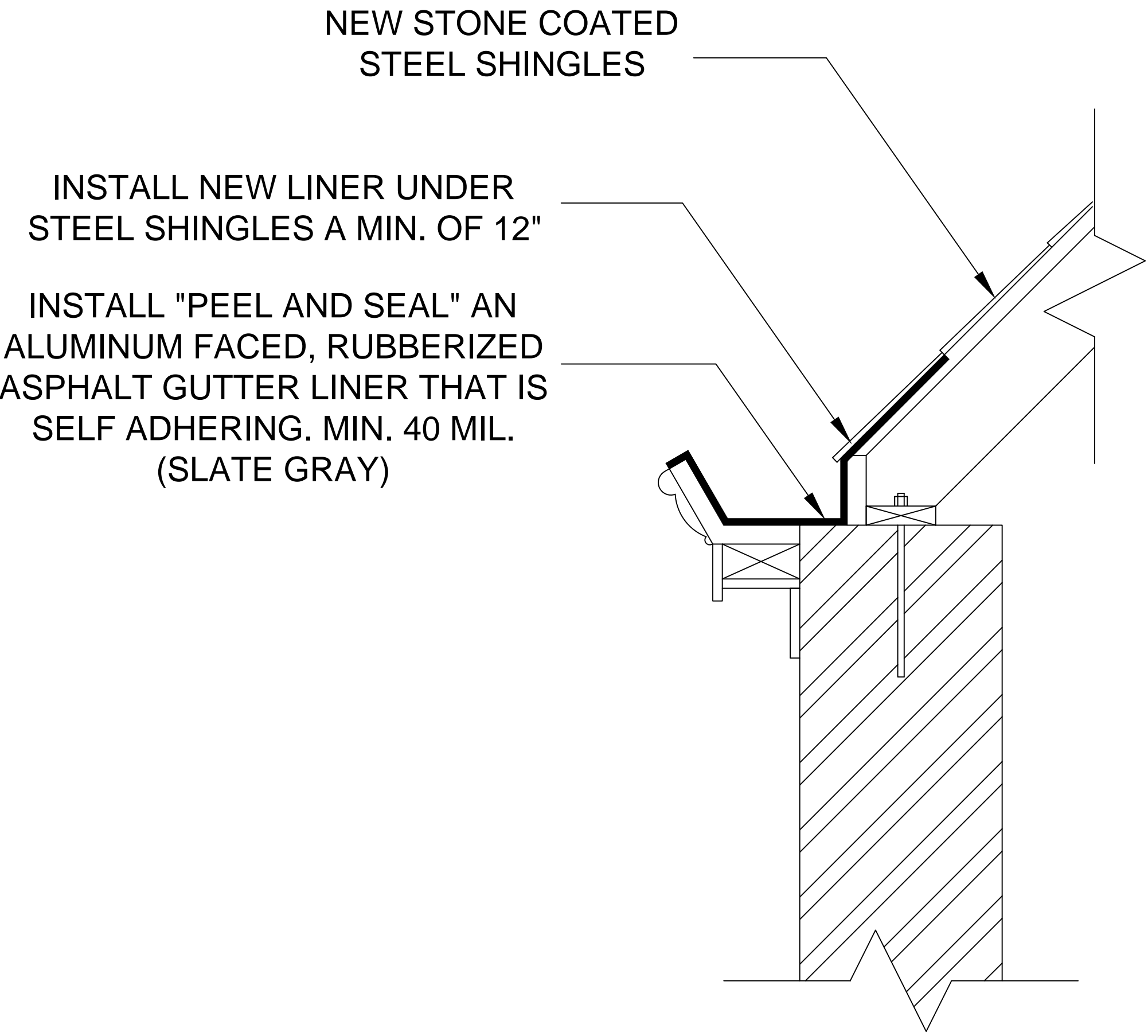
1  
A  
three inches = one foot  
1  
one and one half inches = one foot  
B  
2  
one inch = one foot  
C  
2  
three quarters inch = one foot  
D  
4  
one half inch = one foot  
E  
4  
three eighths inch = one foot  
F  
8  
one quarter inch = one foot  
16  
one eighth inch = one foot

GENERAL NOTES:

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, EQUIPMENT, AND SUPERVISION NECESSARY FOR REMOVING AND INSTALLING NEW ROOFING, GUTTER'S, DOWNSPOUTS, CAST IRON CLEAN-OUTS, FASCIA BOARD ETC... IN CONFORMANCE WITH THE DETAILS AS SHOWN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND PERFORMING ANY AND ALL REQUIRED MEASUREMENTS USED IN PREPARATION OF BIDDING DOCUMENTS. ALL DIMENSIONS ARE APPROXIMATE.
3. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SITE UTILITIES. IF DAMAGE OCCURS TO ANY UTILITIES, IT MUST BE REPAIRED AT CONTRACTORS OWN EXPENSE.
4. WORK AREAS SHALL BE ROPED OFF AROUND WORK SITES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BLOCKING OFF AREAS AS REQUIRED, FURNISHING THE NECESSARY BARRICADES, SIGNS, ETC... ALL ENTRANCES SHALL REMAIN OPERATIONAL AT ALL TIMES UNLESS PRIOR PERMISSION HAS BEEN OBTAINED FROM THE PROJECT ENGINEER TO RESTRICT OTHER THAN EMERGENCY ACCESS.
5. TOOLS AND EQUIPMENT SHALL BE SECURED ANY TIME WORKERS ARE NOT IN THE IMMEDIATE AREA. THE WORK SITE SHALL BE CLEANED UP AT THE CONCLUSION OF EACH DAYS WORK.
6. UPON FINAL CLEAN-UP, THE CONTRACTOR SHALL REMOVE ANY DEBRIS, RUBBISH, AND EXCESS MATERIAL FROM THE STATION.
7. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE VAMC REGULATIONS, OSHA STANDARDS AND INTERIM LIFE SAFETY MEASURES.
8. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGING ADJACENT PAVING, SIDEWALKS, SHRUBBERY, ETC... IF DAMAGE OCCURS IT MUST BE REPAIRED AT CONTRACTORS OWN EXPENSE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED REPAIRS TO DAMAGED SOD. COMPLETED REPAIRS MADE BY EXPERIENCED PERSONNEL SHALL MATCH THE EXISTING.
10. THE WORK PREFORMED IN THIS CONTRACT SHALL BE CAREFULLY COORDINATED WITH THE PROJECT ENGINEER AND A WORK SCHEDULE SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL, PRIOR TO THE START OF ANY WORK. DEMOLISHED AREAS SHALL BE REPAIRED WITHIN 4 WORKING DAYS OF THEIR REMOVAL. HOWEVER, THE CONTRACTOR SHALL NOT REMOVE MORE ROOFING THAN CAN BE REPLACED IN ONE DAY. IF ADDITIONAL ROOFING NEEDS TO BE REMOVED, IT SHALL BE APPROVED BY THE PROJECT ENGINEER.
11. THE CONTRACTOR SHALL ESTABLISH A CONTINGENCY PLAN TO COVER ANY OPEN ROOF IN THE EVENT OF RAIN AND SUBMIT THIS PLAN TO THE PROJECT ENGINEER FOR APPROVAL BEFORE THE START OF ANY WORK.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SCHEDULE ALLOWING A MINIMUM OF TEN ( 10) DAYS ADVANCE NOTICE OF THE PLANNED START OF WORK/CONSTRUCTION ACTIVITIES. THE CONTRACTOR WILL BE ALLOWED TO WORK AFTER THE CLOSE OF REGULAR BUSINESS HOURS BY APPROVAL ONLY. THIS SHALL BE SCHEDULED WITH THE PROJECT ENGINEER AND THE CONTRACTOR SHALL REPORT IN AND OUT WITH THE VA POLICE WHEN WORKING AFTER HOURS.
13. THE CONTRACTOR SHALL HAVE ON THE JOB AT ALL TIMES DURING THE PROGRESS A FORMAN, SUPERINTENDENT OR OTHER COMPETENT REPRESENTATIVE TO WHOM ORDERS AND INSTRUCTIONS MAY BE GIVEN. HIS NAME IS TO BE CERTIFIED TO THE VA AND ANY ORDERS GIVEN TO SUCH REPRESENTATIVE SHALL HAVE THE SAME FORCE AND EFFECT AS IF GIVEN DIRECTLY TO THE CONTRACTOR. A PHONE NUMBER WHERE A RESPONSIBLE PERSON CAN BE REACHED AFTER HOURS IN CASE OF PROBLEMS ETC... SHALL BE PROVIDED ALSO.
14. ALL CONDUITS, VENTS, PIPES, HANDRAILS, ETC... IN ADJACENT AREA SHALL BE PAINTED ( TWO COATS) . THE COLOR SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL. VENT PIPES ETC... SHALL BE BLACK. RUSTED AREAS SHALL BE PRIMED BEFORE PAINT IS APPLIED.
15. UPON REMOVAL OF EXISTING ROOFING, THE CONTRACTOR SHALL HAMMER IN ANY AND ALL LOOSE NAILS ON EXISTING DECKING
16. THE CONTRACTOR SHALL INSTALL NEW 7/16" OSB DECKING WITH 30 LB. FELT PAPER UNDER NEW STONE COATED 50 YEAR STEEL SHINGLES. STEEL SHINGLES SHALL BE FASTENED WITH 2-1/4" MIN EPOXY COATED DECK SCREWS. THE CONTRACTOR SHALL ALSO REMOVE AND INSTALL NEW VENTS AND VENT BOOTS.
17. ALL DRIP EDGE, FLASHING ETC... SHALL BE COATED TO MATCH STEEL SHINGLES. ALL FLASHING ON FLAT ROOF AREA'S SHALL BE STAINLESS STEEL.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING THAT THE FASCIA IS SQUARE SO THAT NEW SHINGLES ARE ALIGNED STRAIGHT AND ARE FASTENED SECURELY.
19. ALUMINUM GUTTERS AND DOWNSPOUTS SHALL BE INSTALLED NEW WHERE SPECIFIED ALONG WITH CAST IRON CLEAN-OUTS BELOW GRADE WHERE SPECIFIED. ( SEE CAST IRON CLEAN-OUT DETAIL) . GUTTERS SHALL BE FASTENED WITH GUTTER SCREWS AND SCREWS SHALL BE COVERED WITH ADHESIVE. ALL REMOVED METALS SHALL REMAIN PROPERTY OF THE VAMC AND SHALL BE DISPOSED OF IN DESIGNATED AREA APPROVED BY THE PROJECT ENGINEER.
20. FLAT ROOF MEMBRANE SHALL CONSIST OF .060 MIL ( K.E.E.) KETONE ETHYLENE ESTER FLEECE BACKED ( WHITE) MEMBRANE AND SHALL BE INSULATED AND INSTALLED ACCORDING TO MANUFACTURERS LITERATURE.
21. ALL EXISTING GUTTERS AND DOWNSPOUTS THAT ARE NOT BEING REPLACED SHALL BE SECURELY REFASTENED AND CLEANED OUT UPON COMPLETION OF WORK. A CAST IRON CLEAN-OUT SHALL ALSO BE INSTALLED AT THE BASE OF THE DOWNSPOUT'S SPECIFIED. DOWNSPOUT'S MAY VARY IN SHAPE AND SIZE, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY THE CORRECT ADAPTERS FOR EACH CAST IRON CLEAN-OUT. ( SEE DOWNSPOUT CLEAN-OUT DETAIL) . THE CONTRACTOR SHALL ALSO CLEAN OUT UNDER GROUND DRAINS A MINIMUM OF 60 FEET WITH A ROOTER MACHINE SO THAT THEY FLOW PROPERLY.
22. INSTALL A NEW GUTTER LINER WITH A MIN. 10 YEAR WARRANTY THAT IS AN ALUMINUM FACED, SELF ADHERING, RUBBERIZED ASPHALT MATERIAL ( 40 MIL. MIN.) AND TUCK A MIN. OF 12" UNDER NEW STEEL SHINGLES. IF ANY SHINGLE. THE COLOR OF THE GUTTER LINER SHALL BE SLATE GRAY. ANY HOLES IN THE EXISTING METAL BOX GUTTER LARGER THAN A QUARTER SHALL BE COVERED WITH GALVANIZED FLASHING BEFORE THE NEW GUTTER LINER IS INSTALLED.



DOWNSPOUT CLEAN-OUT DETAIL



BOX GUTTER DETAIL

LEGEND:

- = DOWNSPOUT CLEAN-OUT LOCATION
- = DOWNSPOUT WITH OUT CLEAN-OUT LOCATION
- = MEMBRANE ROOF
- = STEEL SHINGLE ROOF
- = VENT THROUGH ROOF

Approved: Medical Center Director  
Denise M. Deitzen

Approved: Medical Center Assoc. Director  
Jay Miller

Approved: Engineering Department  
Charles D. Applewhite

Drawing Title

ROOF DETAIL

Approved: Project Director

Project Title

REPLACE ROOFS,  
VARIOUS BUILDINGS

Location

MARION, IN

Date

5/15/2015

Checked

APPLEWHITE

Drawn

Z. MCDANIEL

Project Number

610-15-113

Building Number

49.54.55.97.137.153.170

Drawing Number

15-101M

Dwg. 2 of 4

